

WATER AND SEWER COMMITTEE MINUTES

Friday, October 17, 2014, 8:00 AM

Water & Sewer Department Office

1. Call to Order & Freedom of Information Requirements

Freedom of Information requirements having been met, the meeting was called to order at 8:01 AM.

Those present were: Committee Members Susan Middaugh (Chair), Chauncey Clark and Jerry Kaynard; Administrators Greg Gress, Andy Benke and Jason Blanton; HDR Engineer, Tracy Lewis.

2. Report by HDR Engineer, Tracy Lewis, on the FEMA Grant Application

Tracy Lewis presented the conceptual level design for flood-proofing the Wastewater Treatment Facility as required for the FEMA Grant application due October 27, 2014. This design also has to comply with DHEC regulations. This design aligns with the current Sullivan's Island DHEC permit for 570,000 mean gpd (average flow), with higher peak flows (peak hydraulic flow differs from peak process flow). With the substantial decrease in I&I due to the current pipeline project, the same permitted capacity (570,000 mgpd) will provide for a significant increase in capacity for processing sewage.

A sludge press is included in this plan, to replace the current two drying beds. This is required as part of the FEMA requirement to flood-proof the facility. It is also financially advantageous since it reduces the need, and expense, for hauling wet sludge.

There was discussion of possibly using a single new generator for both the Sewer Facility and the new Town Hall. This did not considered feasible due to multiple factors including conduit size, electrical load and voltage drop. The added fuel tank size and generator size would also require a larger building than currently designed and add substantially to that cost.

The time frame for permitting (2 months) and engineering (11 months) will be approximately 11 months. At that point, the construction phase could begin.

3. Executive Session, HDR Contractual agreement, Waste Water Treatment Plant

On a motion by Jerry Kaynard, second by Chauncey Clark and unanimous vote, the W&S Committee went into executive session with Tracy Lewis to discuss contractual matters

related to the HDR proposal for engineering services for flood-proofing the Wastewater Treatment Facility. The Committee voted to come out of Executive Session at 9:15 AM.

4. Middle Street Project: CCOD #1 and CCOD #2 regarding New Town Hall

The Committee discussed two options for providing the sewer plant connection to the new Town Hall. One option would be to connect via a pipeline running underneath the planned parking area to the Town Hall. The second option would be to connect by way of Gull Drive and Station 20 ½ to a new manhole at the level of the new Town Hall. The two options would cost approximately the same. The advantage of the Gull Drive / Sta 20 ½ option is that this pipeline can also be used as the first leg of a future sewer line that will be needed for the downtown district (CCOD #2). This option for the new Town Hall will reduce the cost of the CCOD #2 project in the future and be the most cost effective.

Motion to tie the new Town Hall into the Sewer Treatment Plant by way of Gull Drive and Station 20 ½ and authorize URS to update their engineering plan and provide cost estimates for this project. Motion by Chauncey Clark, second by Jerry Kaynard, carried unanimously.

5. Adjourn

The meeting adjourned at 9:40 on a motion by Jerry Kaynard, second by Chauncey Clark and unanimous vote.

Pending Water & Sewer Committee Topics:

The following are other current or upcoming items:

- a) Agreement with CWS regarding contracted water use
- b) W&S easement across residential lots, Palmetto St. to Hennessy St.

APPROVED November 18, 2014